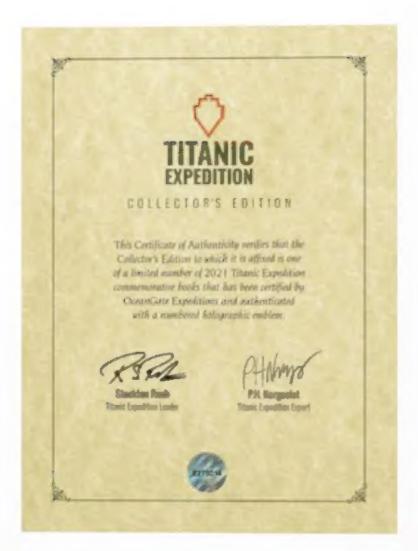


A CREWED SUBMERSIBLE EXPEDITION TO EXPLORE THE WORLD'S MOST FAMOUS SHIPWRECK





In memory of the souls who perished the night of April 15, 1912.





SUMMER 2021

A CREWED SUBMERSIBLE EXPEDITION TO EXPLORE THE WORLD'S MOST FAMOUS SHIPWRECK



2021 Titanic Expedition

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OceanGate Expeditions is opening a new era of human exploration of the deep ocean with the deployment of Titan, the world's only human-occupied carbon fiber and titanium submersible.

Our multi-year survey of the Titanic wreck site offers a new group of explorers and researchers the opportunity to join our expeditions to explore the Titanic as well as future expeditions to investigate the 95% of Earth's ocean that remains unexplored.

The 2021 Titanic Expedition was the result of many years of teamwork, innovation, and persistence. The successful deployment of Titur and the inaugural expedition in 2021 marked the end of a multi-year development phase that drew on the expertise of hundreds of engineers, technicians, and deep-sea explorers. We can now look ahead to exploring fascinating dive sites around the world that can help us better understand human history, deep sea biologic seafloor geologic and a nearly infinite list of other topics.

In the following pages, we have curated the best images from our maugural Titanic Expedition to inspire further innovation and exploration of the deep and to share new images of the shipwreck with the dreamers and explorers who help make discovery possible.

Both innovation and exploration require a team effort, and we sincerely appreciate the contributions of our crew members, mission specialists, industry partners, and investors.

Stockton Rush

Titanic Expedition Leader

After years of fruitless searching, the wreck of the RMS Titanic was finally discovered in 1985.

Since then, a handful of expeditions have explored the wreck - most using remotely operated vehicles. A few expeditions deployed crewed submersibles. Most notable of these is the 1986 expedition. led by Robert Ballard who conducted the first human occupied submersible dives to the wreck in Alvin (USA). the 1995 expedition led by James Cameron who dove in the MiR (Russia) subsito capture images for the iconic film "Titanic" released in 1997. and the five expeditions from 1987 to 1998 by PH Nargeolet in Nautile (France) as part of salvage operations.

What these expeditions have in common is that they each confirmed that the famous ship is deteriorating. Some say rapidly. Some say not. What is undisputed is that Titanic is being overwhelmed by the relentless spread of rusticles. Rusticles are a byproduct a biochemical process that is eating the manganese, iron, and sulfur out of the steel and weakening the wrock. As we



plan to revisit and document the same features of the wreck each year, we will generate good data to assess the rate of decay.

It is important to our team that we acknowledge the accomplishments of previous fitanic expeditions and explorers. We tip our hats to Jean-Louis Michel, Robert Ballard, Anatoly Sagalevich, and the rich legacy of human exploration by the crews of Nautile, Alvin and MWs. Their accomplishments inspire us to continue to innovate and explore.

Our direct link to this rich history of submersible dives is through a select group of veteran Titanic explorers who joined our 2021 expedition PH Nargeolet. "Titanic's Greatest Explorer",

is a veteran of 37 Titanic dives and nine Titanic expeditions. He was joined by fellow Tituric veterans. Hory Golden and David Concannon. who have

been on seven

PH Nargeulet Titanic expeditions combined dating back to the year 2000. All three were onboard to share their hard-earned knowledge and insights with the crew.

Our 2021 Titanic Expedition was just the first of a series of planned annual expeditions to the site. Our goal for this first year was to begin to document the condition of the wreck by collecting high-resolution photographic images which experts can analyze to accurately assess changes in the wreck and to identify artifacts that: may be revealed as the wreck collapses.

The expedition roster included a total of 56 crew including OceanGate: Expeditions staff. mission specialists. Titanic experts, scientists. submersible experts, give veterans, physicians,

journalists, and technicians. All were active participants and played key roles in the success of the expedition. On each mission there were 28 to 34 people aboard. including 26 ship's

crew, with a breadth and depth of expedition and adventure experience.

When Titanic sank in 1912 the ship broke into two main sections and many objects and pieces of the hull were scattered across the seabed. Most of this debris is concentrated near the stern section and consists of thousands of objects from the interior of the ship, ranging from tonsof coal that spilled out of the ruptured bunkers, to suitcases, clothes, corked wine bottles (many still intact

despite the pressure). bathtubs, windows.

washbasins, jugs, bowls, hand mirrors and numerous other personal effects.

It is important to note that we do not salvage or remove anything from

the wreck or debris field. In fact, Titan is not equipped with a manipulator arm or grabber of any sort. Our goal is always to leave the wreck as we found it. The only thing we take is imagery which we share freely with scientists through the OceanGate Foundation, an independent non-profit foundation that supports research and innovation in deep sea exploration and study. Select images are made available to the public through books like this one, on social media, and online. We do leave sacrificial ballast - but only in the predetermined locations recommended by the U.S. Coast Guard. These sacrificial weights are steel cylinders that are benign for the environment and provide shelter for local wildlife before they decay.

"This is definitely one of the things I have ever done. I've freen to Everest, that this is

Expedition Goals

Each annual expedition is planned as a scientific and technological survey of the wreck to:

- Document the shipwreck and debris field using the latest multi-beam sonar and photographic technology.
- 2. Supplement the work done on past scientific expeditions to capture data and images that are missing from the scientific record.
- 3. Record the condition of the wreck with 4K and 8K resolution photographs and video, and
- 4. Document the marine life inhabiting the wreck site. to compare against data collected at the wreck on prior scientific expeditions as well as a nearby abyssal deep-sea reef that we first explored in 2022.

Given the massive scale of the wreck and the debris field, multiple missions performed over several years will be required to fully achieve these goals.

Each dive into history is conducted respectfully and in accordance with NOAA Guidelines for Research Exploration and Salvage of RMS Titanic and comply with UNESCO guidelines for the preservation of underwater world heritage sites.

2021 Expedition

The 2021 Titanic Expedition began with three days of hard work at the dock as weloaded Titari and 40 tons of expedition gear on the ship, tested Titan's launch and recovery platform, and integrated it into our operations using the newly built ship's stern ramp. After determining that everything was in working order our first mission departed in late June.

The expedition was scheduled as a series of five missions. At the end of each mission leg the expedition ship, Horizon Arctic, returned to St. John's to resupply and exchange crew.

Titaric is located about 595 kilometers (380 nautical miles) from the coast of Newfoundland, and so each mission started and ended with a 36-hour transit. between St. John's and the dive site.

Once on site, a total of five dive days were available three as primary dive days and two held in reserve to allow for weather delays.

Five people were selected for each dive team, which included the pilot, a content "It was movie-like. If was was branklaking.

expert, and three mission specialists. All members of the dive team played key operational or scientific roles during the approximately 10-hour long dive.

The teams conducted dives to the bow section, the stemsection, and through portions of the massive debris field with most of the bottom time spent exploring the bow section.

This book is a partial record of their efforts.

Since the tragic sinking. numerous other books. articles, and films havechronicled 7/tanic's history. from construction, to tragic sinking and aftermath, to discovery and exploration This book does not replicate this previous work but focuses solely on the 2021 Titanic Expedition.

We hope these photographs ignité your passion to explore the hidden worlds in the deep ocean.

Enjoy:



DIVE OPERATIONS Submersible Launch and Recovery

technicians and engineers specialists to service Titan, plan the dives, deploy the launch and recovery to ensure safe and successful dives.







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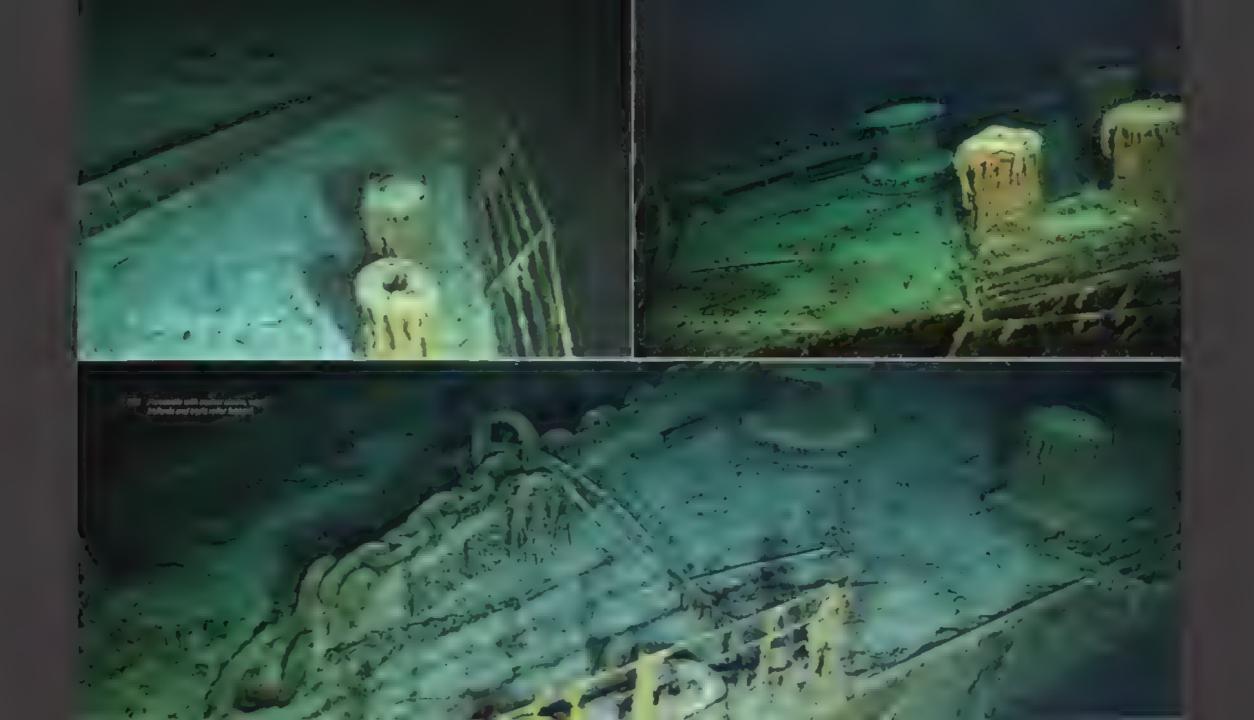
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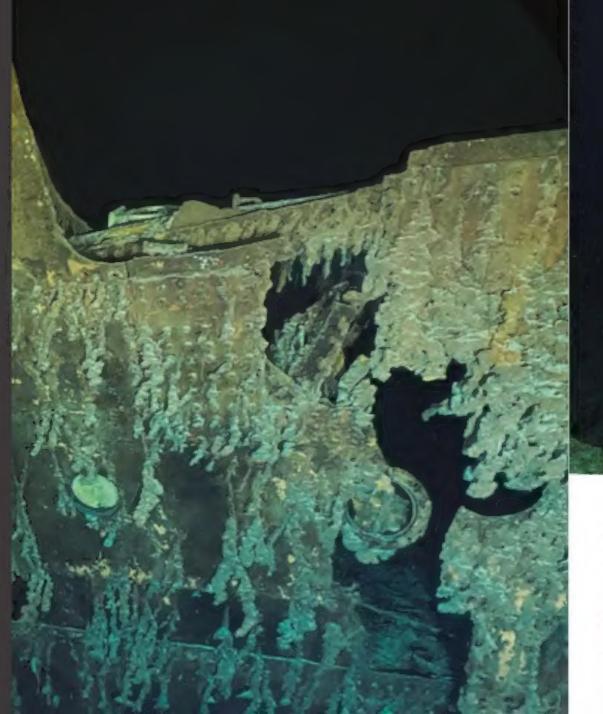
- E74 A view from the existions as Titan lifts off the platform is begin e-dive.
- 378 Crew and Mission Specialists about the PRC support vessel













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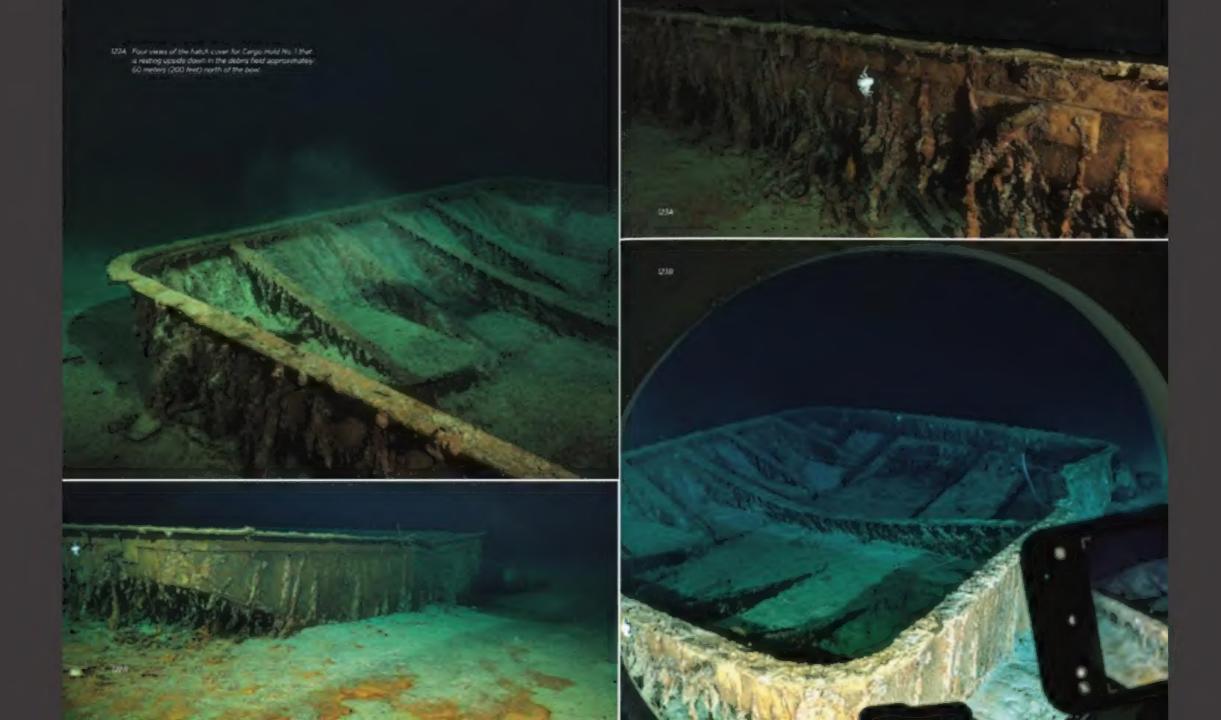
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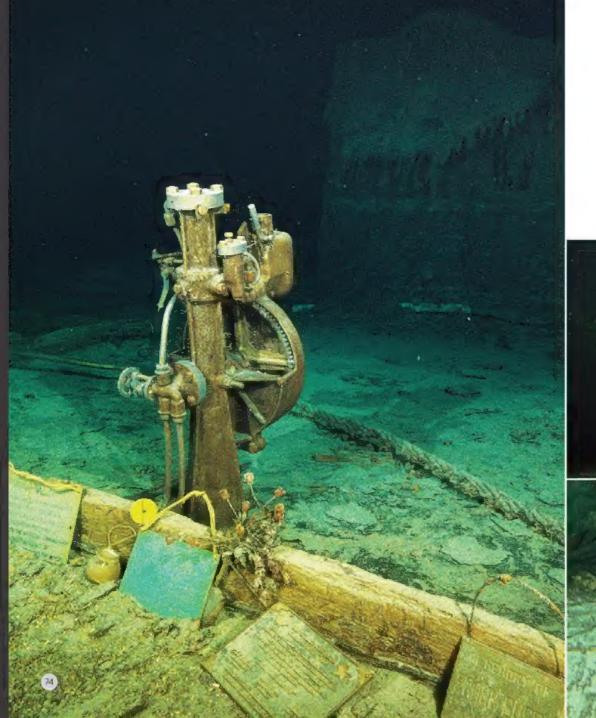
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COLLECTOR'S EDITION

This Certificate of Authenticity verifies that the Collector's Edition to which it is affixed is one of a limited number of 2021 Titanic Expedition commemorative books that has been certified by OceanGate Expeditions and authenticated with a numbered holographic emblem.

RSAL

Stockton Rush Titanic Expedition Leader



